

Newsprint - Turbidity

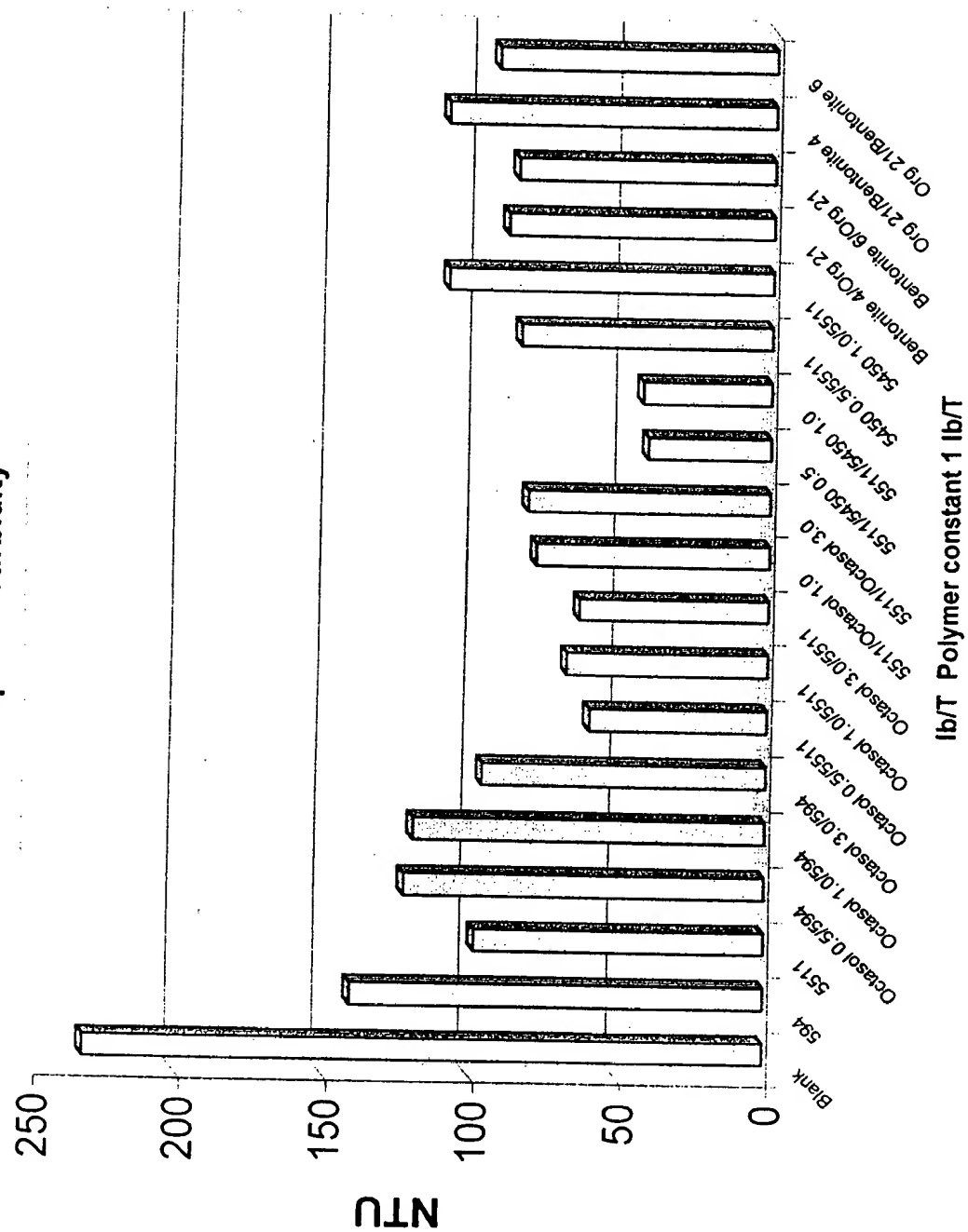


FIG. 4

www.scribd.com

Newsprint
Drainage 200 ml.

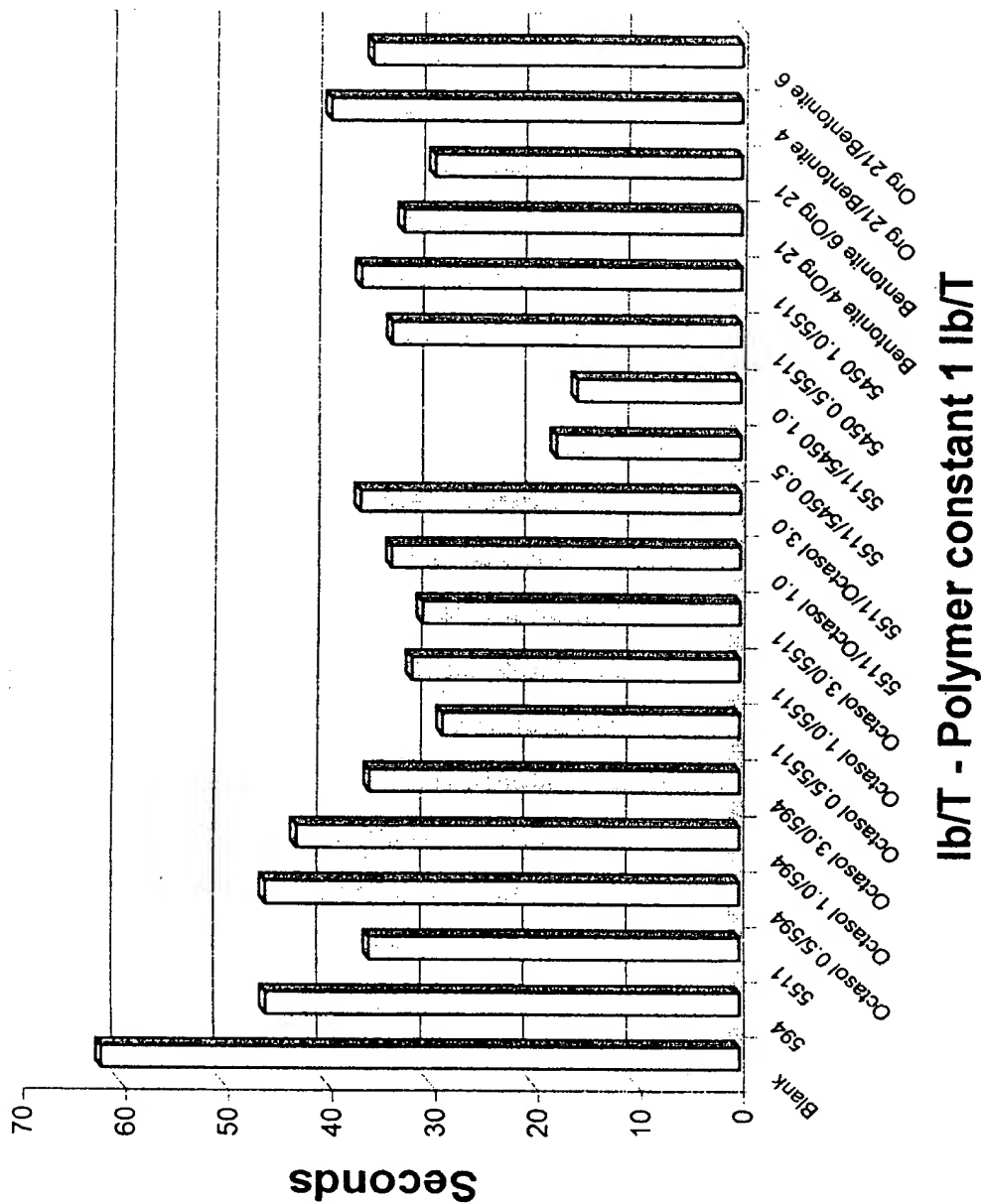


FIG. 5

Drainage

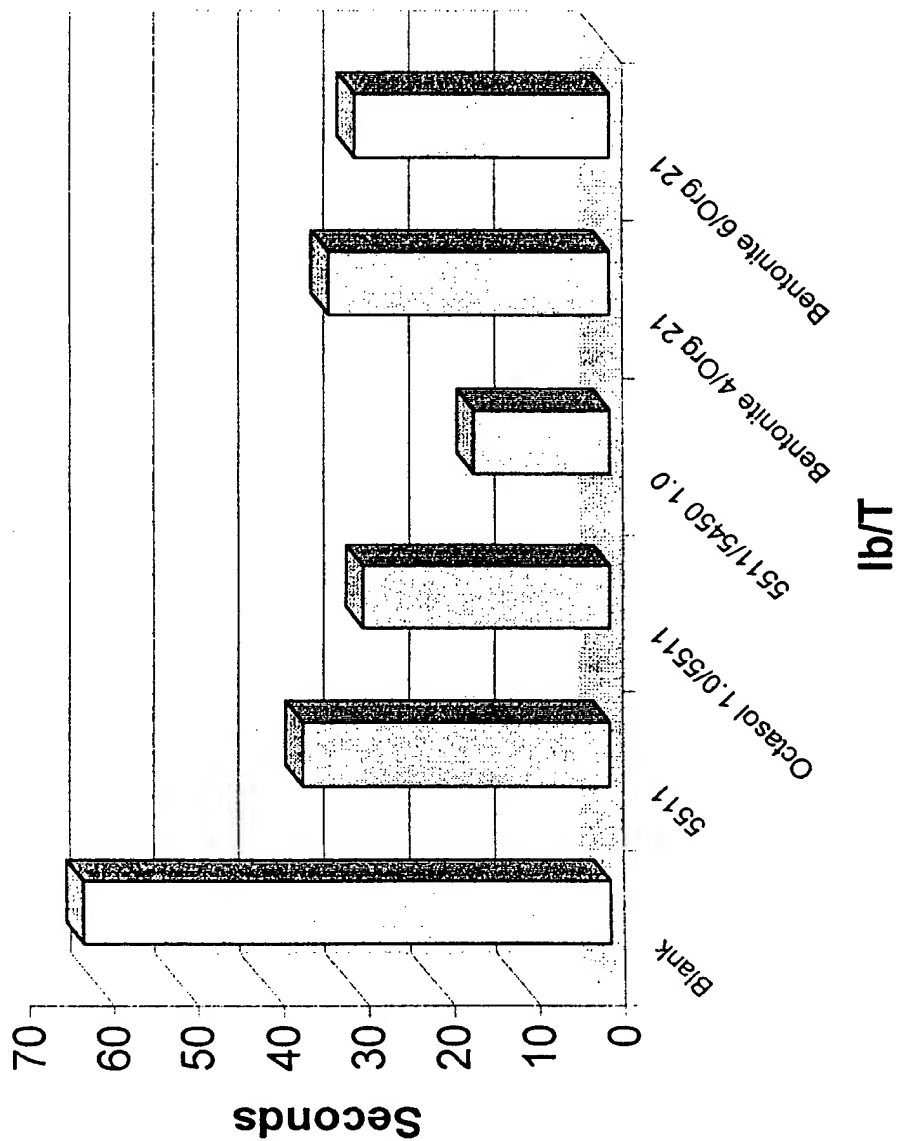


FIG. 6

Comparison against dual component system

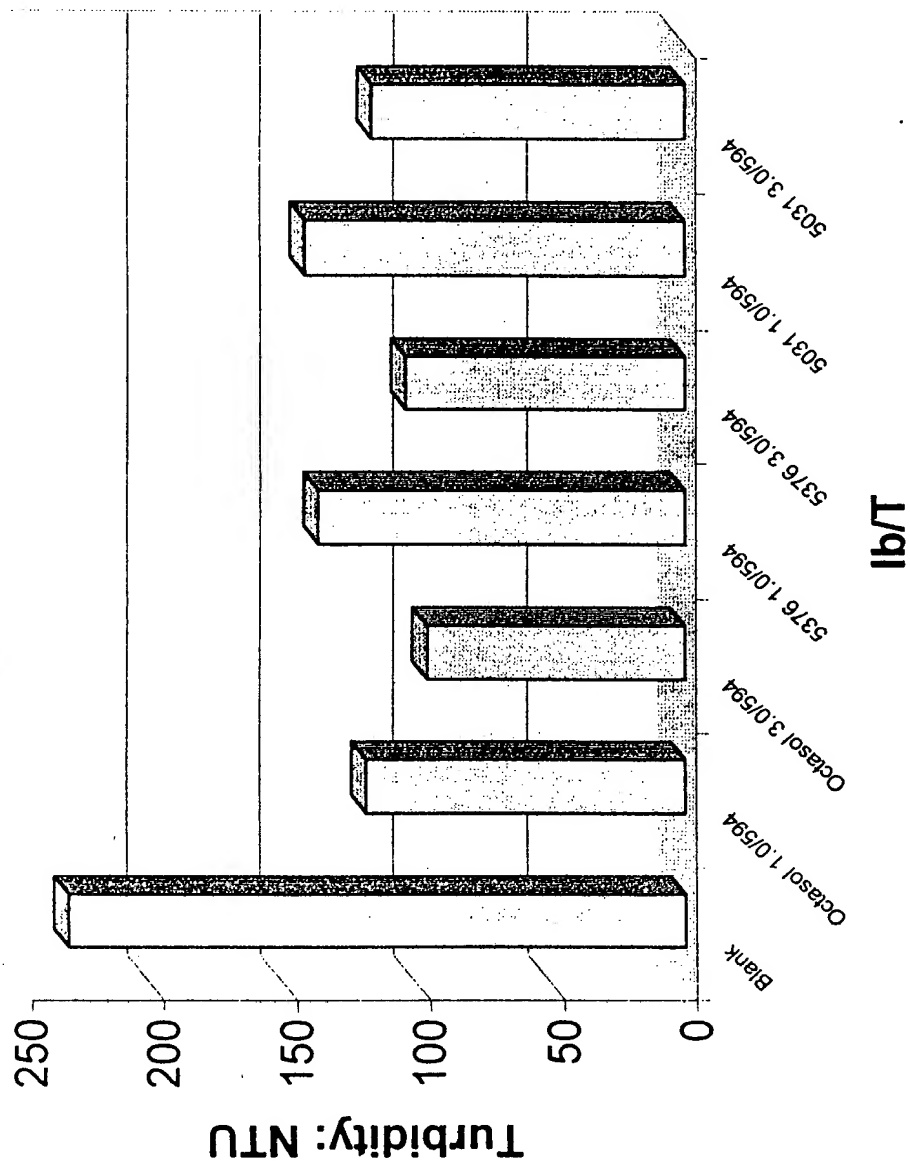


FIG. 7

Comparison against dual component system

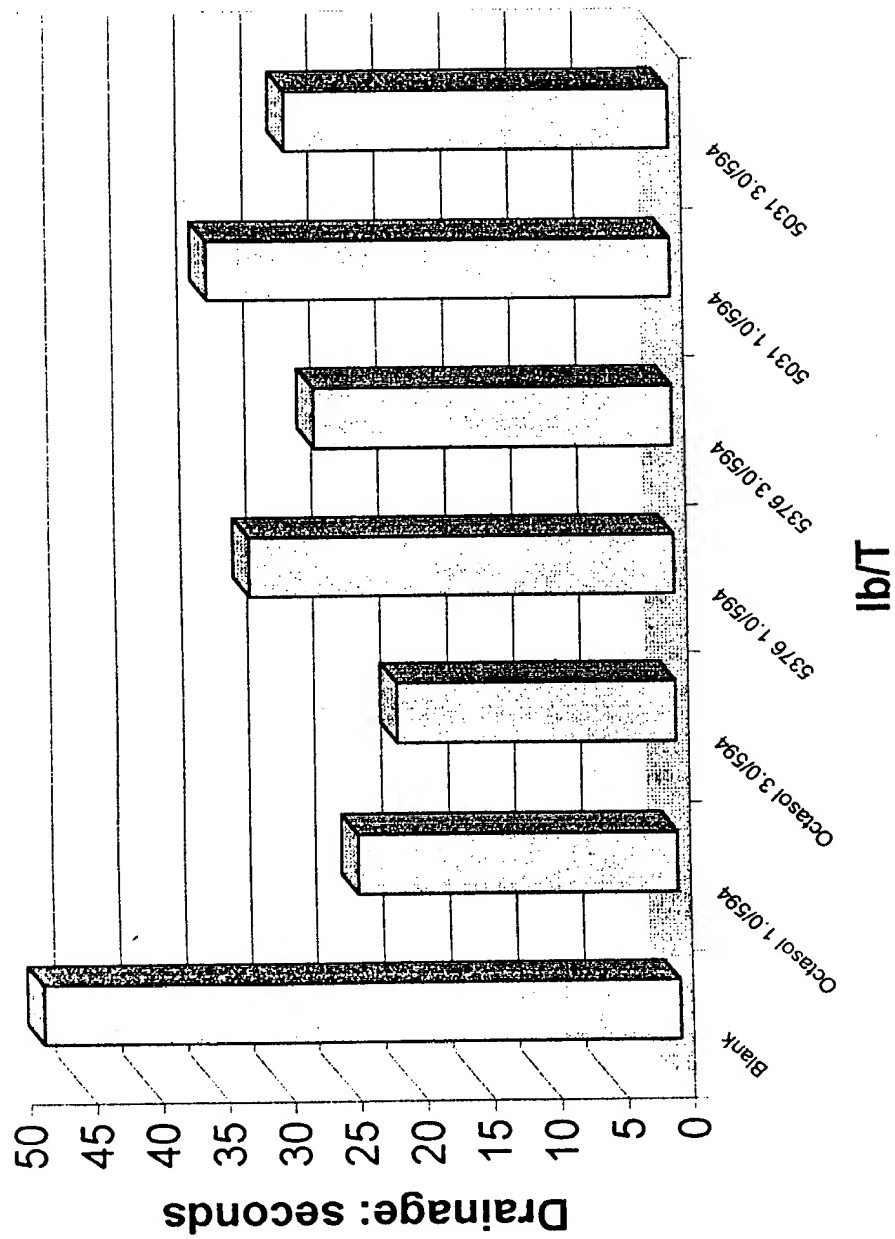


FIG. 8

20% Hard whites
40% marfold white ledger
40% hogged (tabloid news)
cationic demand - 0.6 meq/l
pH - 7.9

Top ply

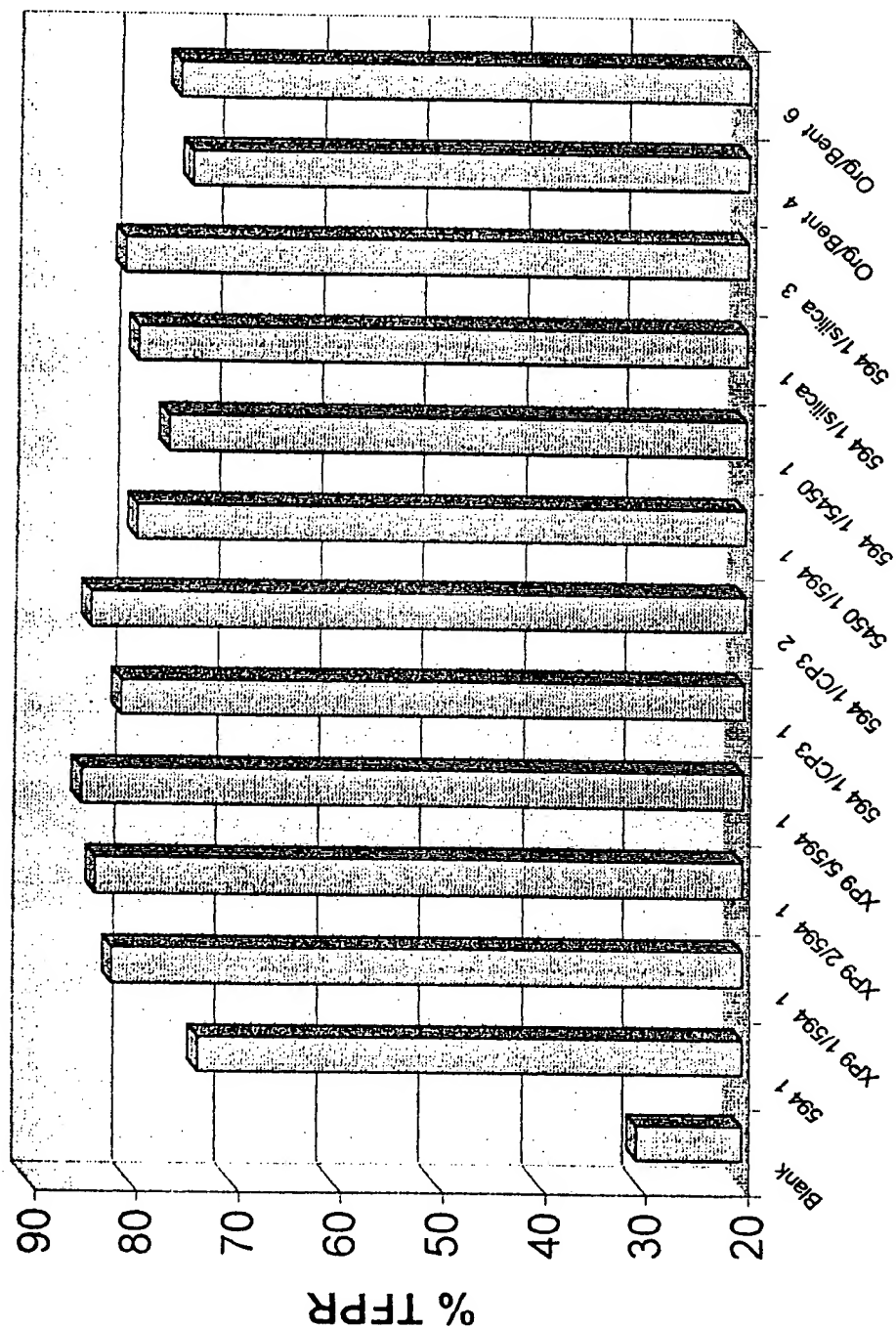


FIG. 9

20% Hard whites
 40% manfold white ledger
 40% hogged (tabloid news)
 cationic demand - 0.6 meq/l
 pH - 7.9

Top ply

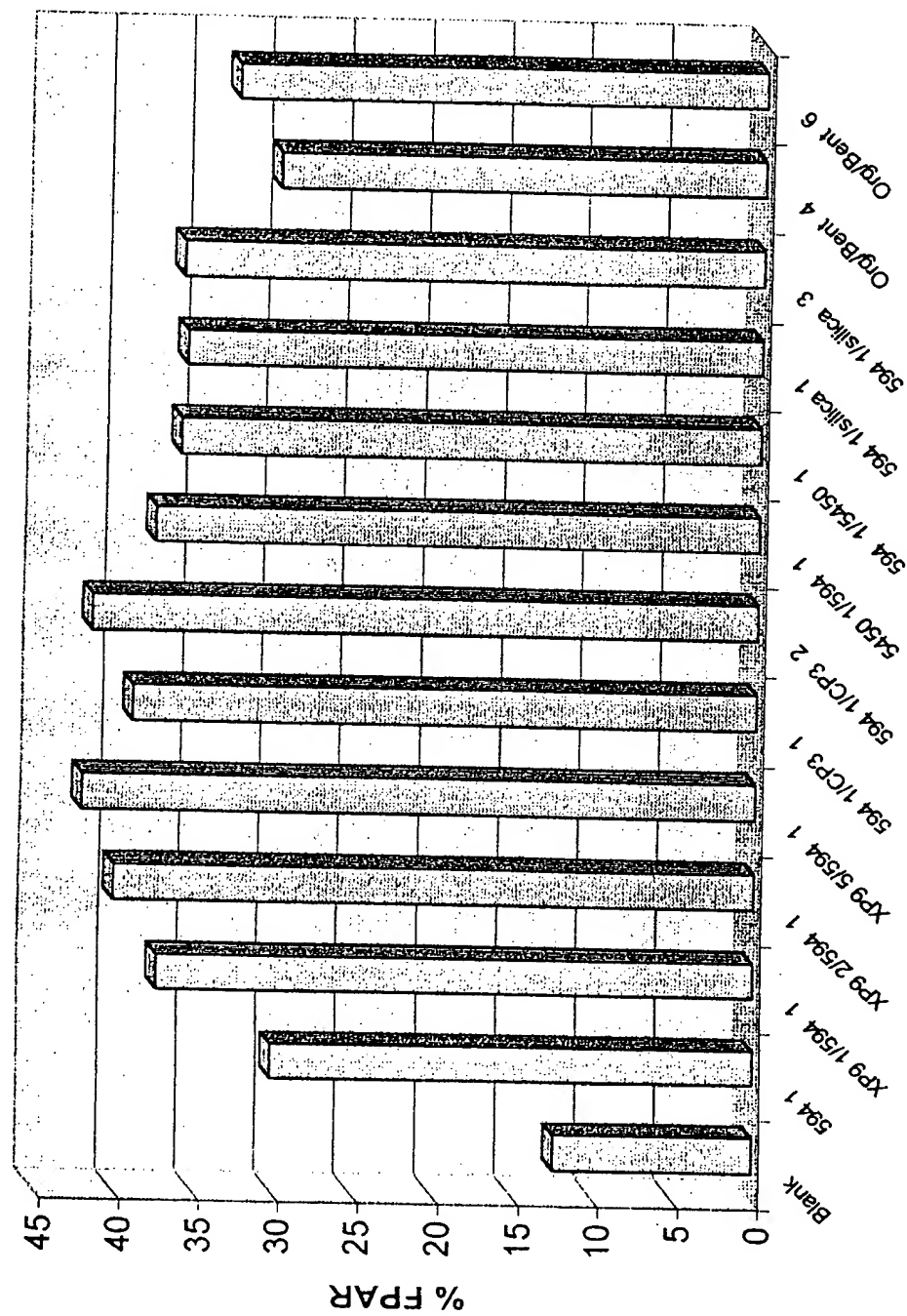


FIG. 10

30% Corrugated
60% box
10% ONP
pH - 7.4
Cationic demand - .4 meq/L

Filler ply

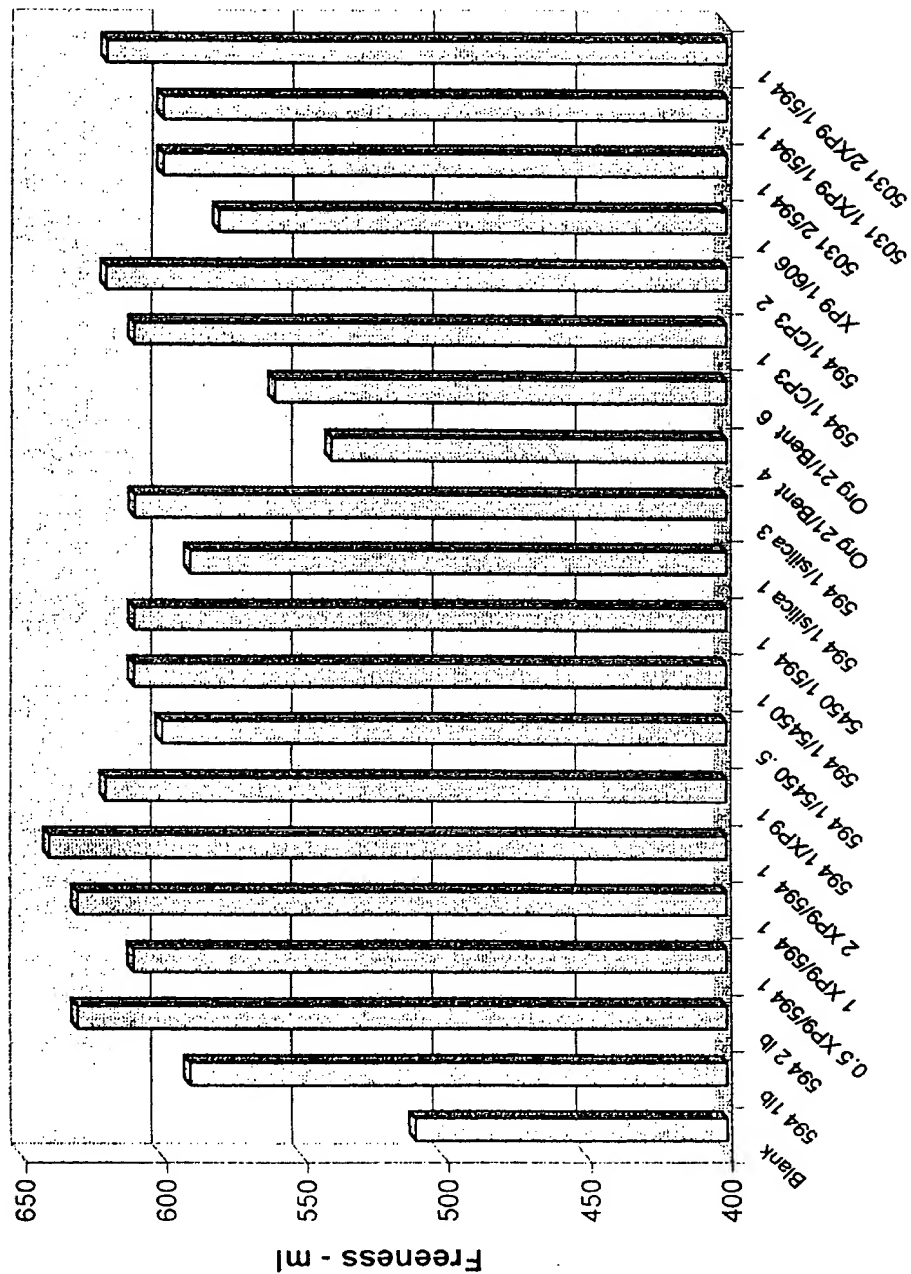


FIG. 11

100% ONP
 pH - 7.85
 Cationic demand - .55 meq/L

Back ply

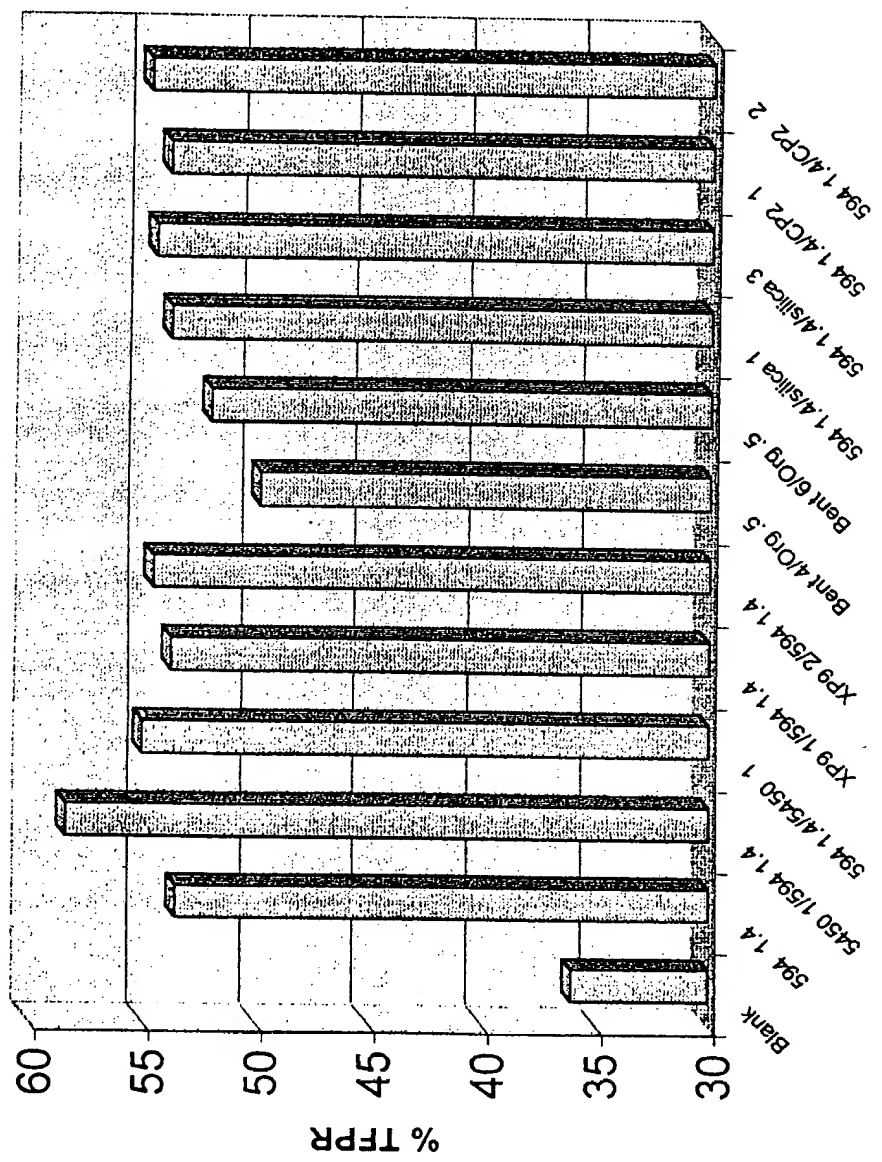


FIG. 12

TFPR:



15.5% Kraft blend
 36.8% MgO HWD
 38.9% Fir
 8.8% Broke
 Conductivity: 1046
 pH - 8.6
 ASA - 2.1 lb/T
 PCC - 280 lb/T

FPAR:

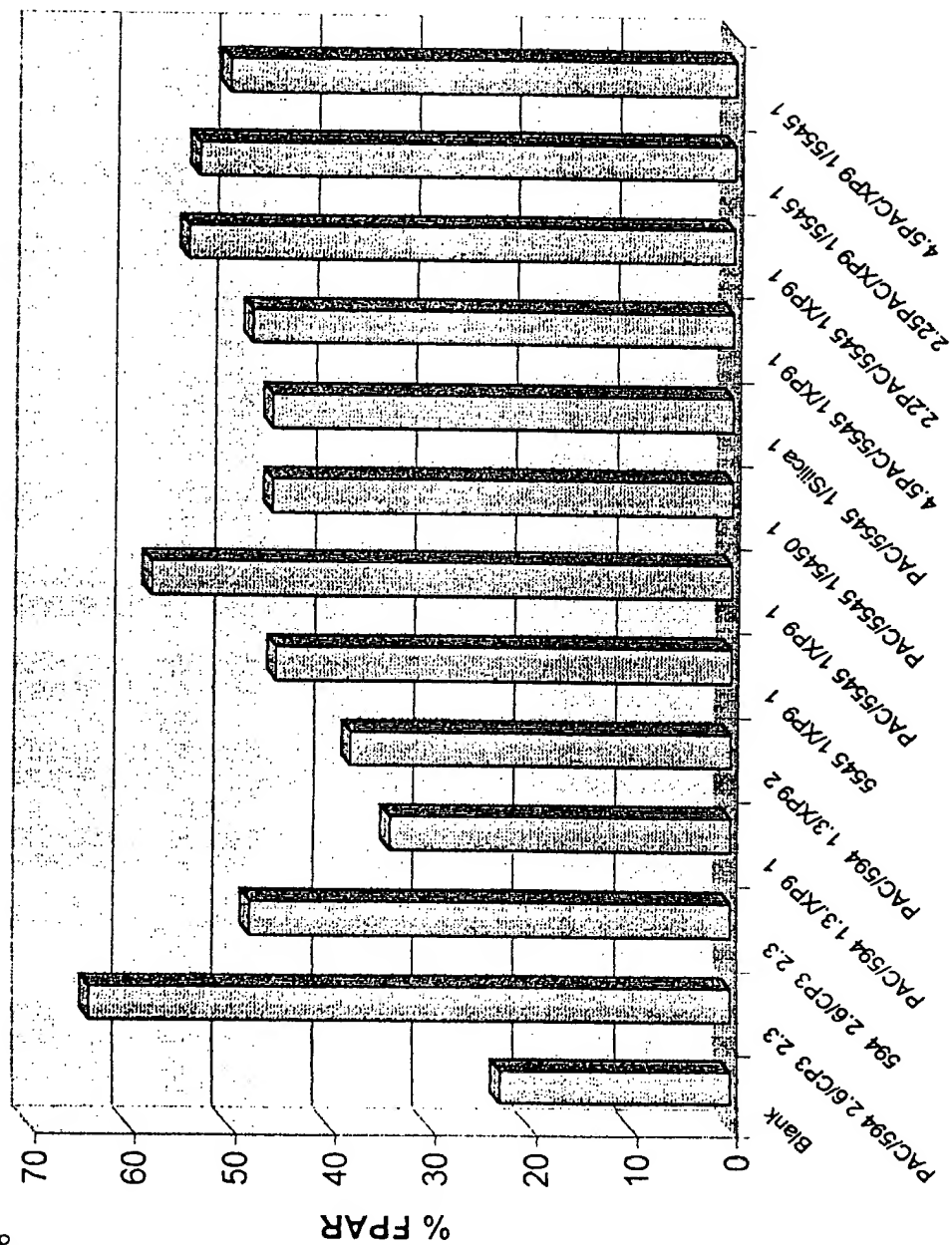


FIG. 14

TFPR:

15.5% Kraft Blend
36.8% MgO HWD
38.9% Fir
8.8% Broke
PCC - 280 lb/T
ASA - 2.1 lb/T
Conductivity 1005
pH - 8.3

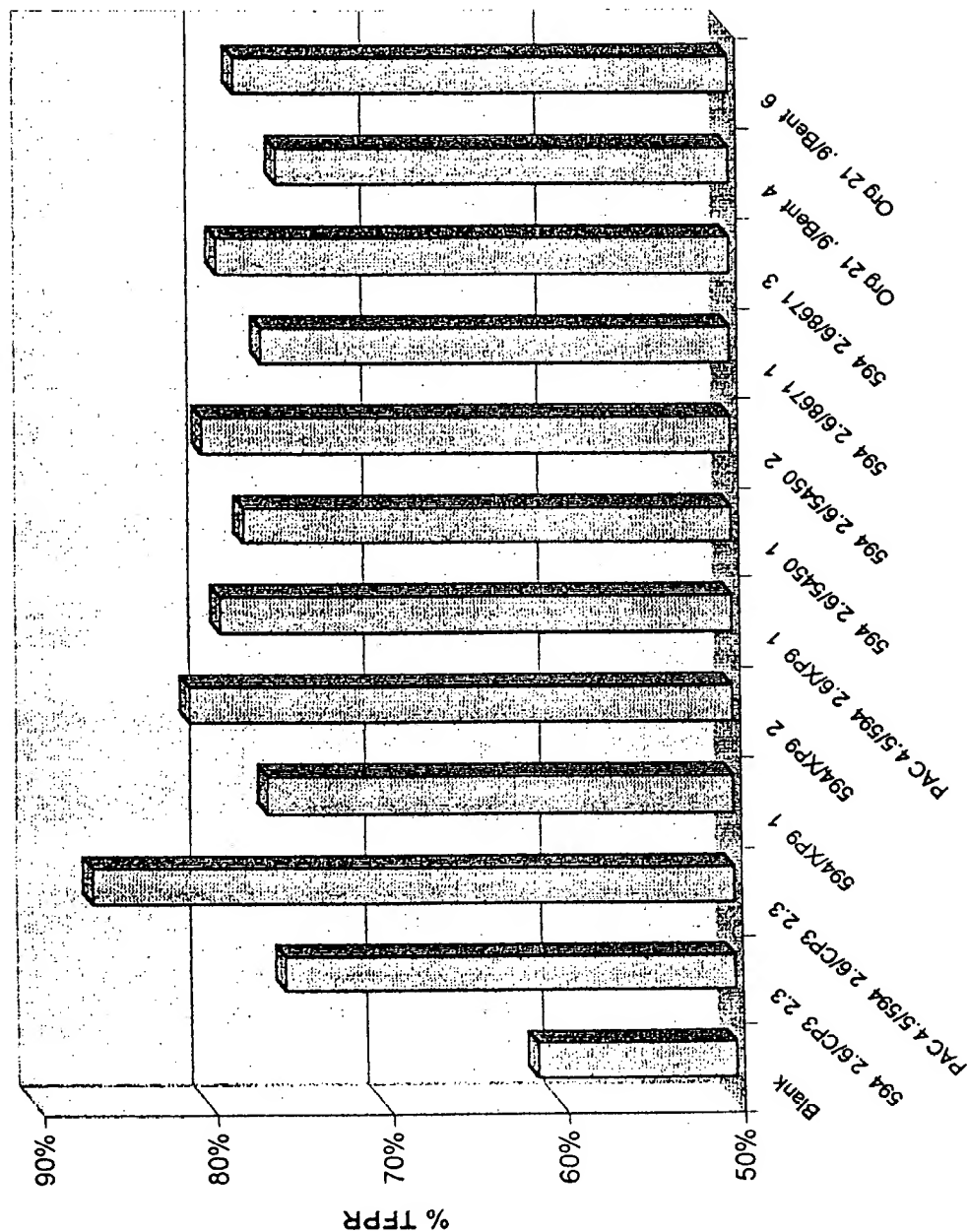


FIG. 15

15.5% Kraft Blend
36.8% MgO HWD
38.9% Fir
8.8% Broke
PCC - 280 lb/T
ASA - 2.1 lb/T
Conductivity 1005
pH - 8.3

FPAR:

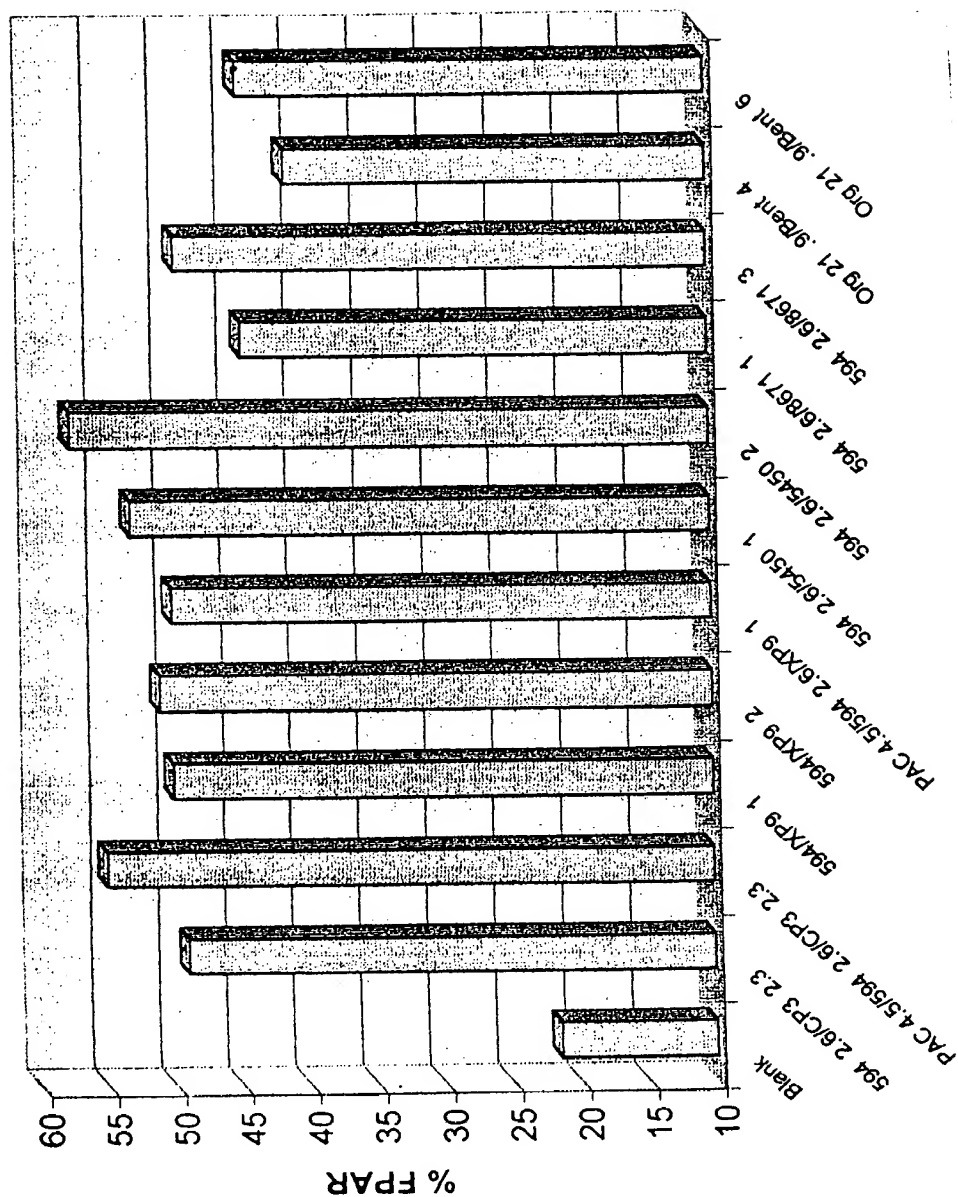


FIG. 16

40% sulphite
40% SWD
20% HWD
50% Machine
broke
PCC - 160 lb/ft³
TiO₂ - 280 lb/ft³
Starch - 17 lb/ft³
Conductivity-
420

Uncoated alkaline

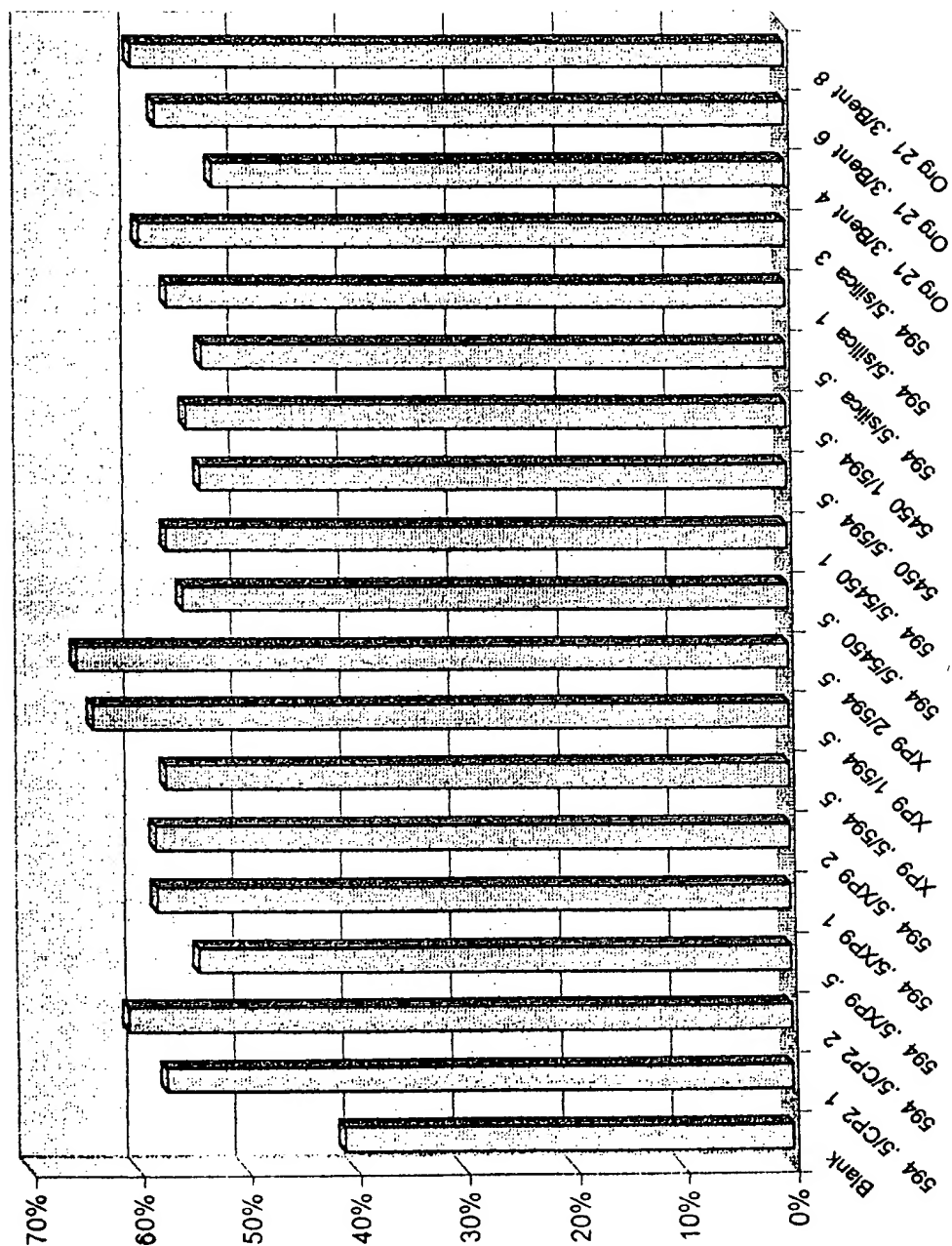


FIG. 17

FPAR:
Uncoated alkaline

40% sulphite
40% SWD
20% HWD
50% Machine

broke
PCC - 160 lb/T
TiO₂ - 280 lb/T
Starch - 17 lb/T
Conductivity - 420
pH - 8.5

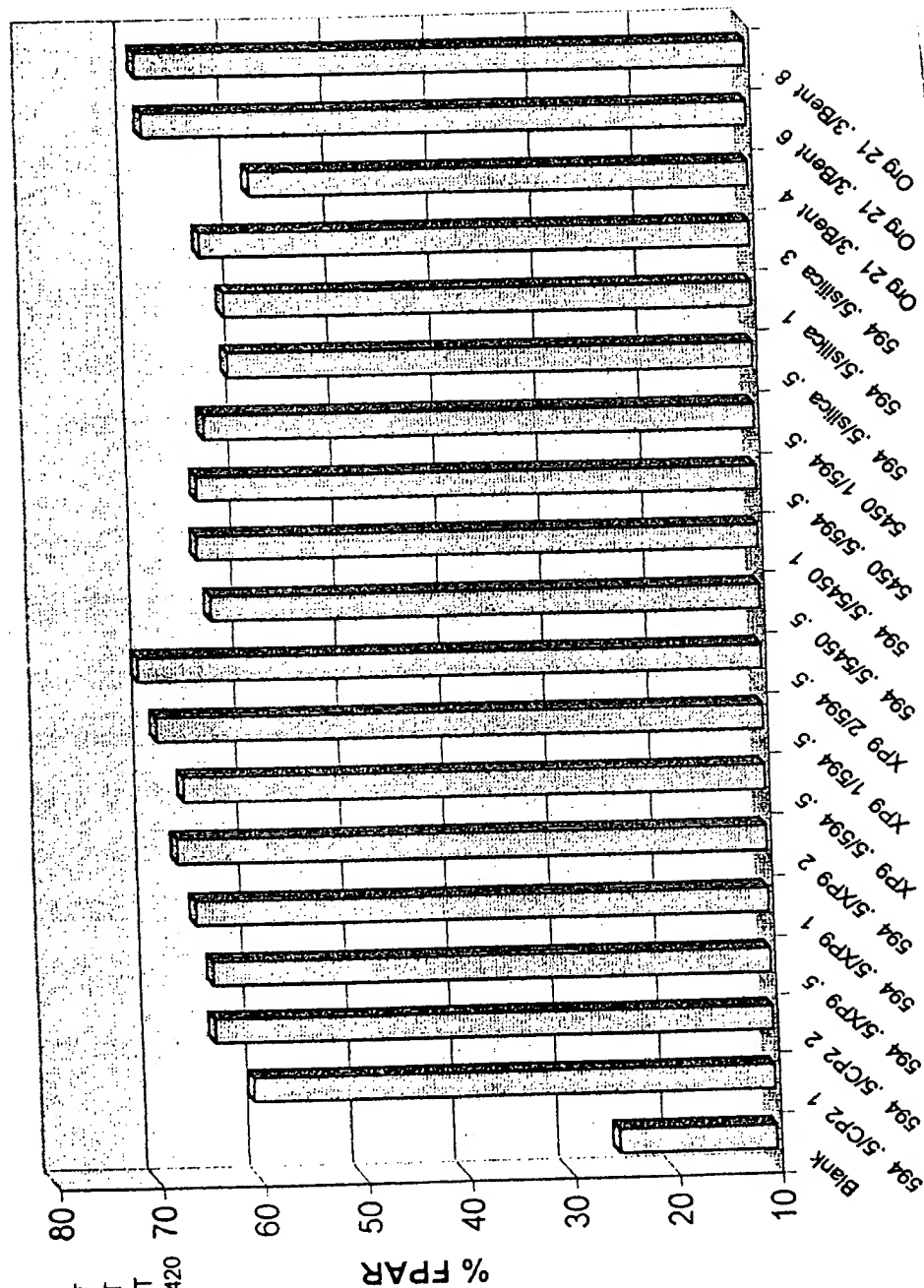


FIG. 18

TFPR:
Catalog - coated acid

40% GWD
47% Sulphite
13% SWD
15% Machine broke
20% Coated broke
Filler - 15lb/t
Starch - 25 lb/t
Alum - 6 lb/t
Conductivity -
pH - 6.2
Charge - .085 meq/l

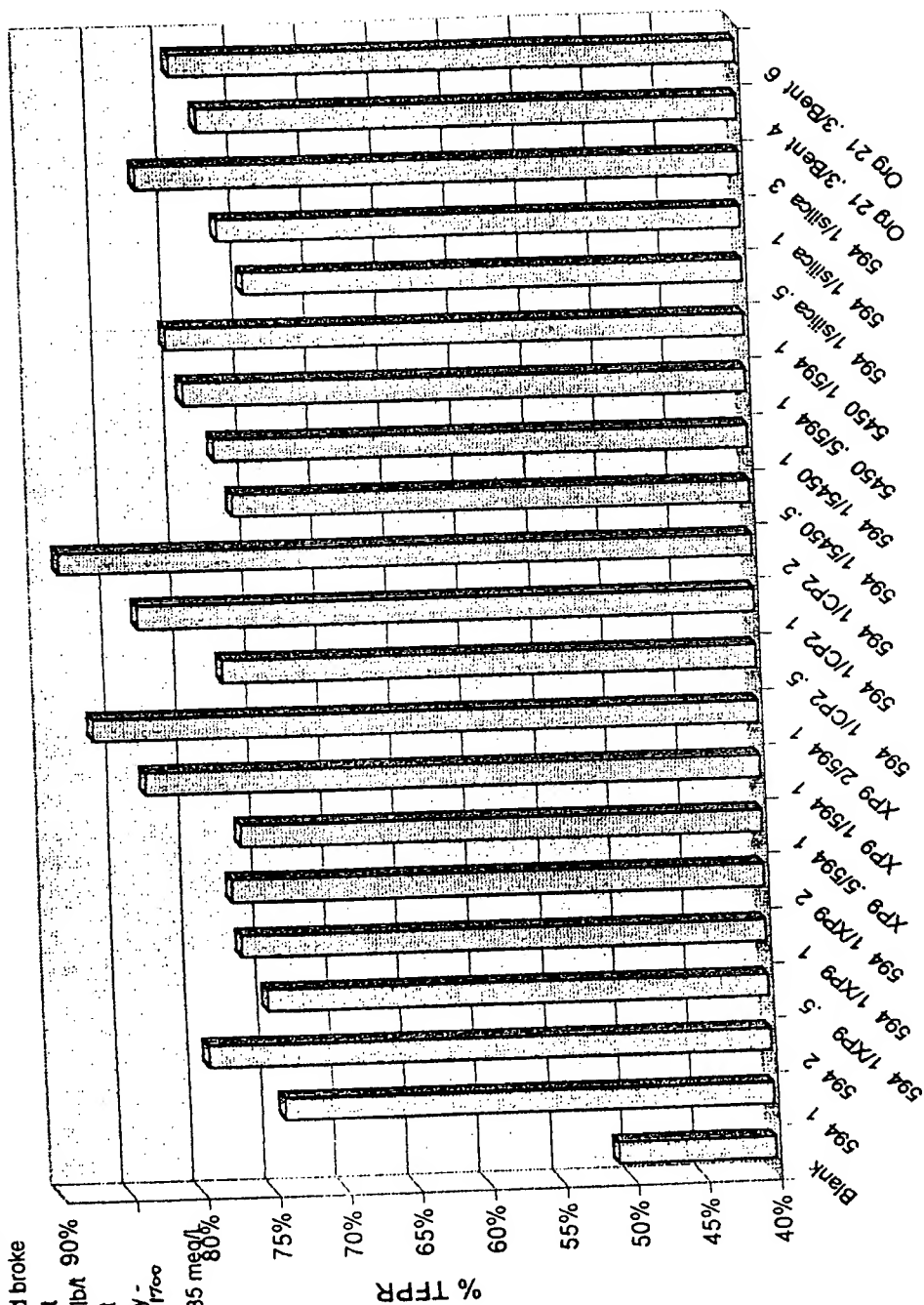


FIG. 19

FPAR:
Catalog - coated acid

40% GWD
47% Sulphite
13% SWD
15% Machine broke
20% Coated broke
Filler - 15lb/t
Starch - 25 lb/t
Alum - 6 lb/t
Conductivity - 1700
pH - 6.2
Charge - .085 meq/l

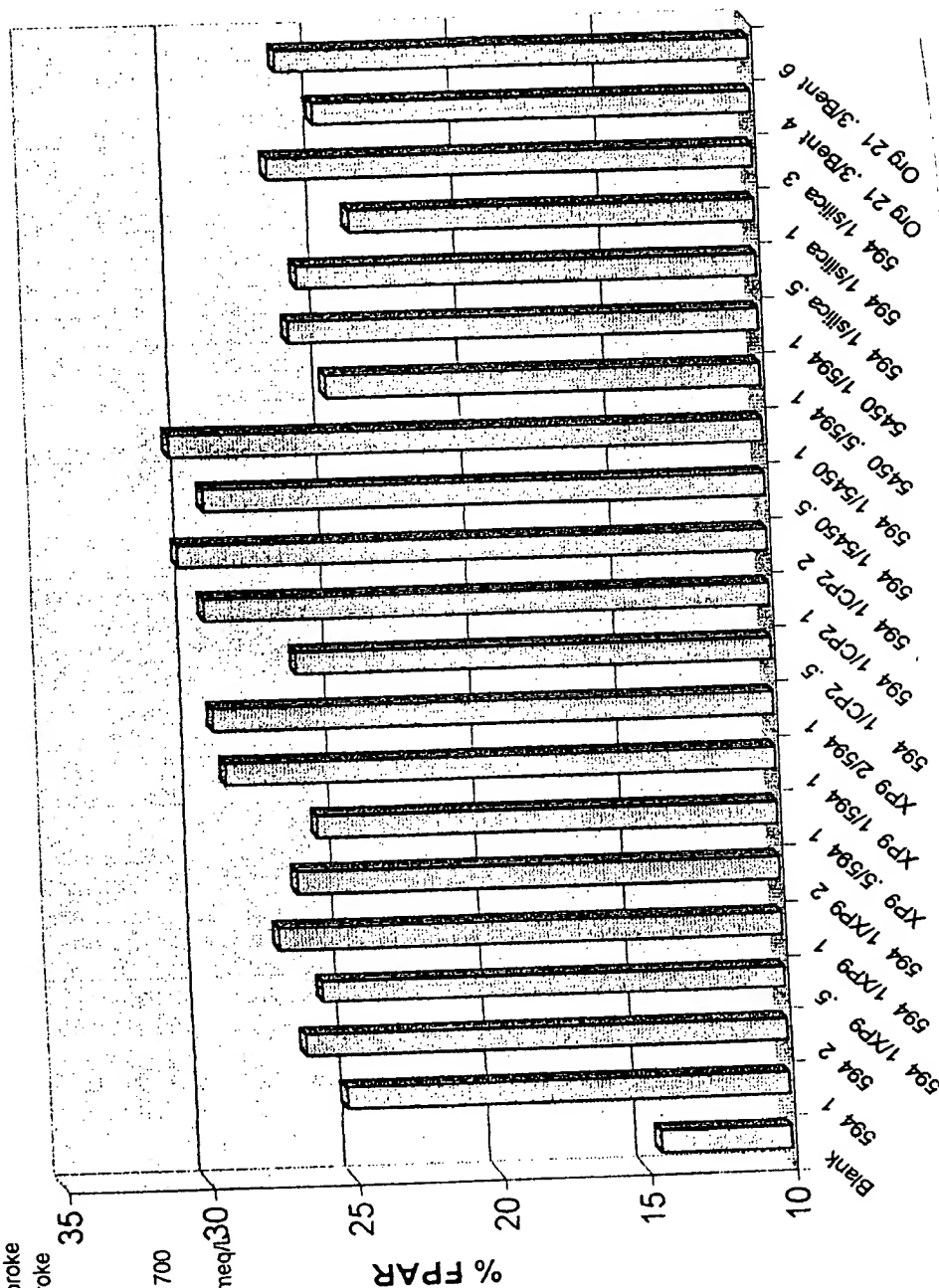


FIG. 20

7-00000-00000-00000

TFPR: Uncoated acid

10% Bleached sulfite
40% unbleached gwd
30% CDMONIP
10% Surger broke
10% Machine broke
5% bleached broke
15% bond broke
Conductivity-1084
pH - 6.4
Filler-60 lb/t
Starch - 20 lb/t
Alum - 22 lb/t

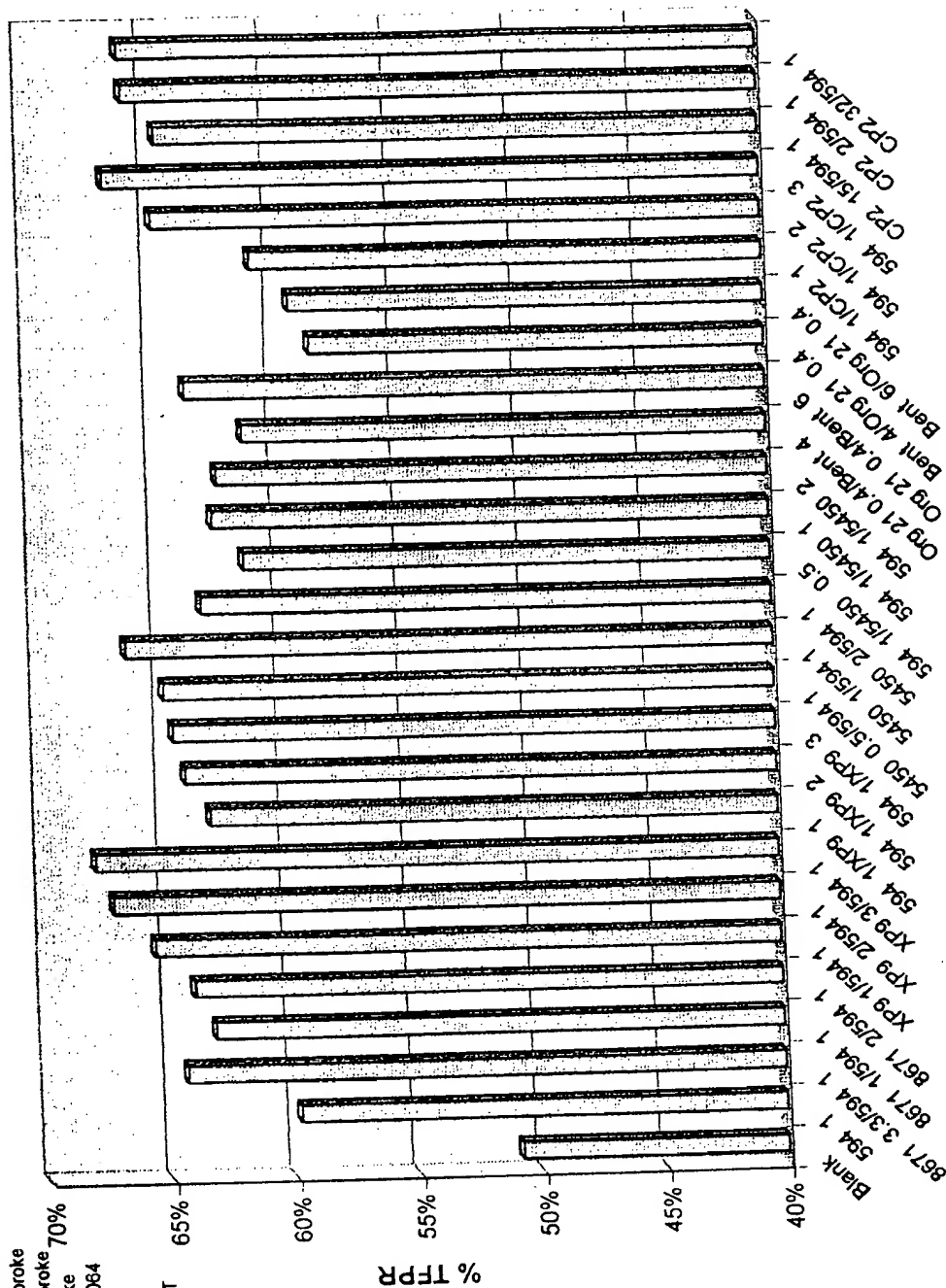


FIG. 22

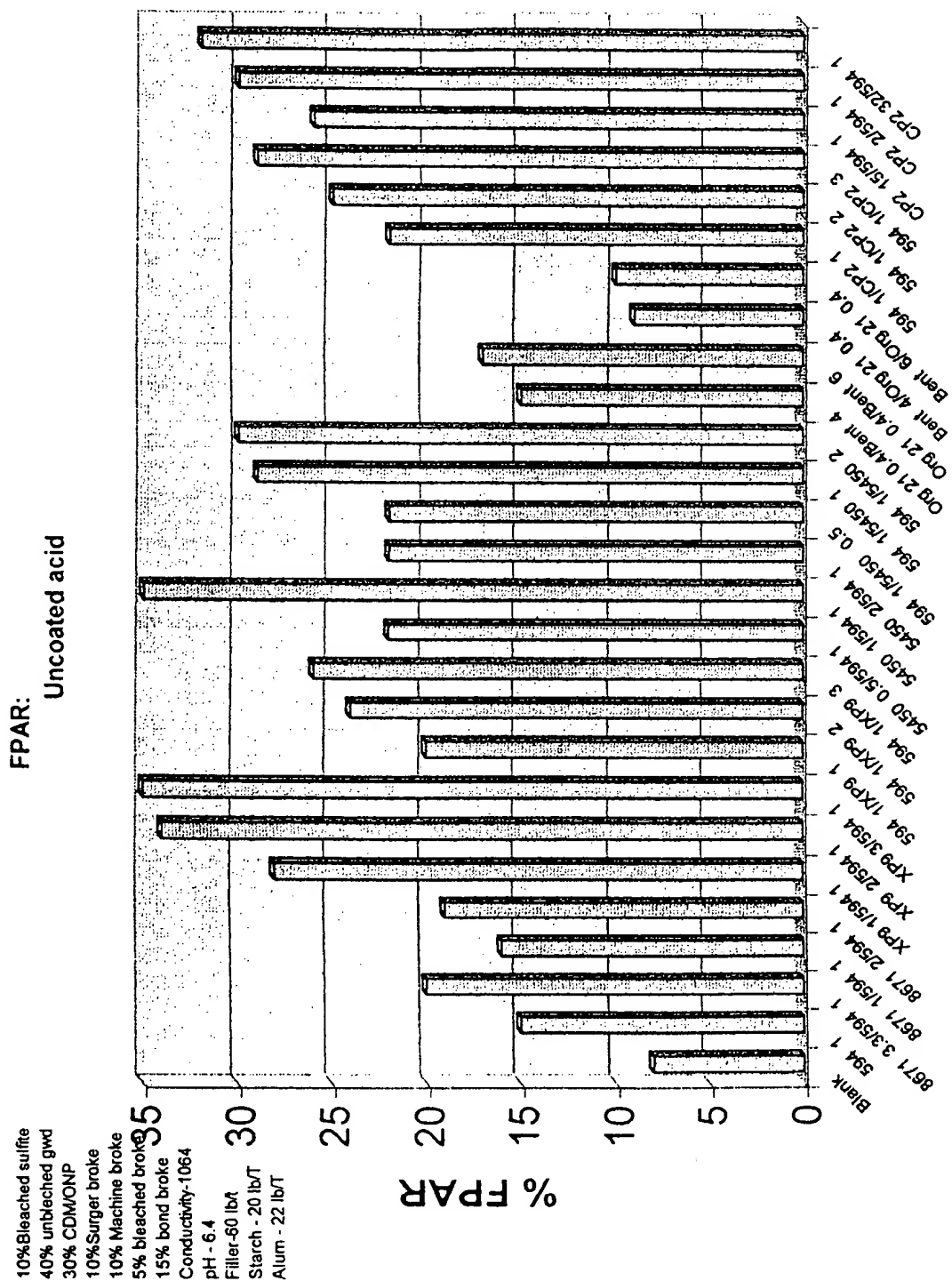


FIG. 23

Alkaline Fine Furnish

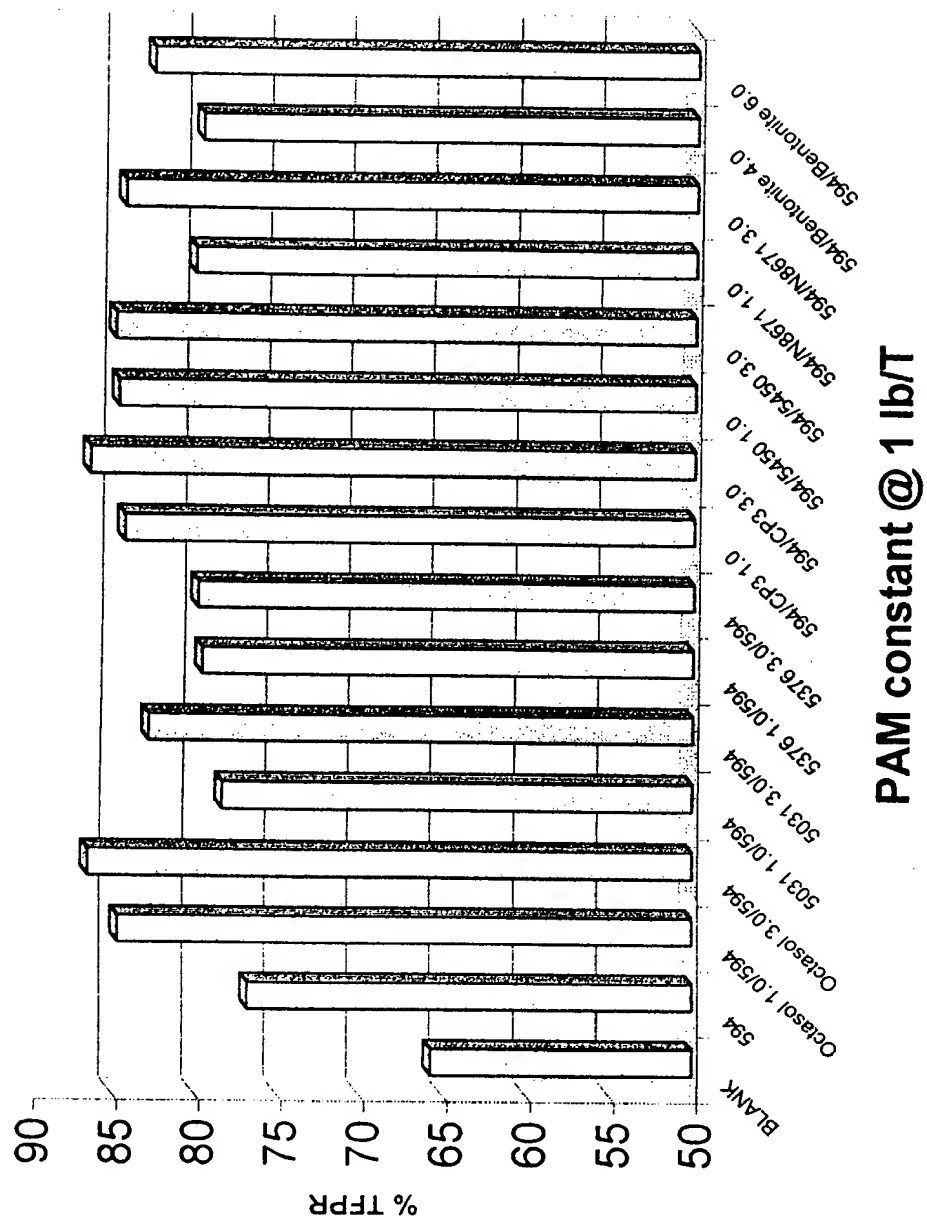


FIG. 24

TOP SECRET

Octasol testing: TFPR

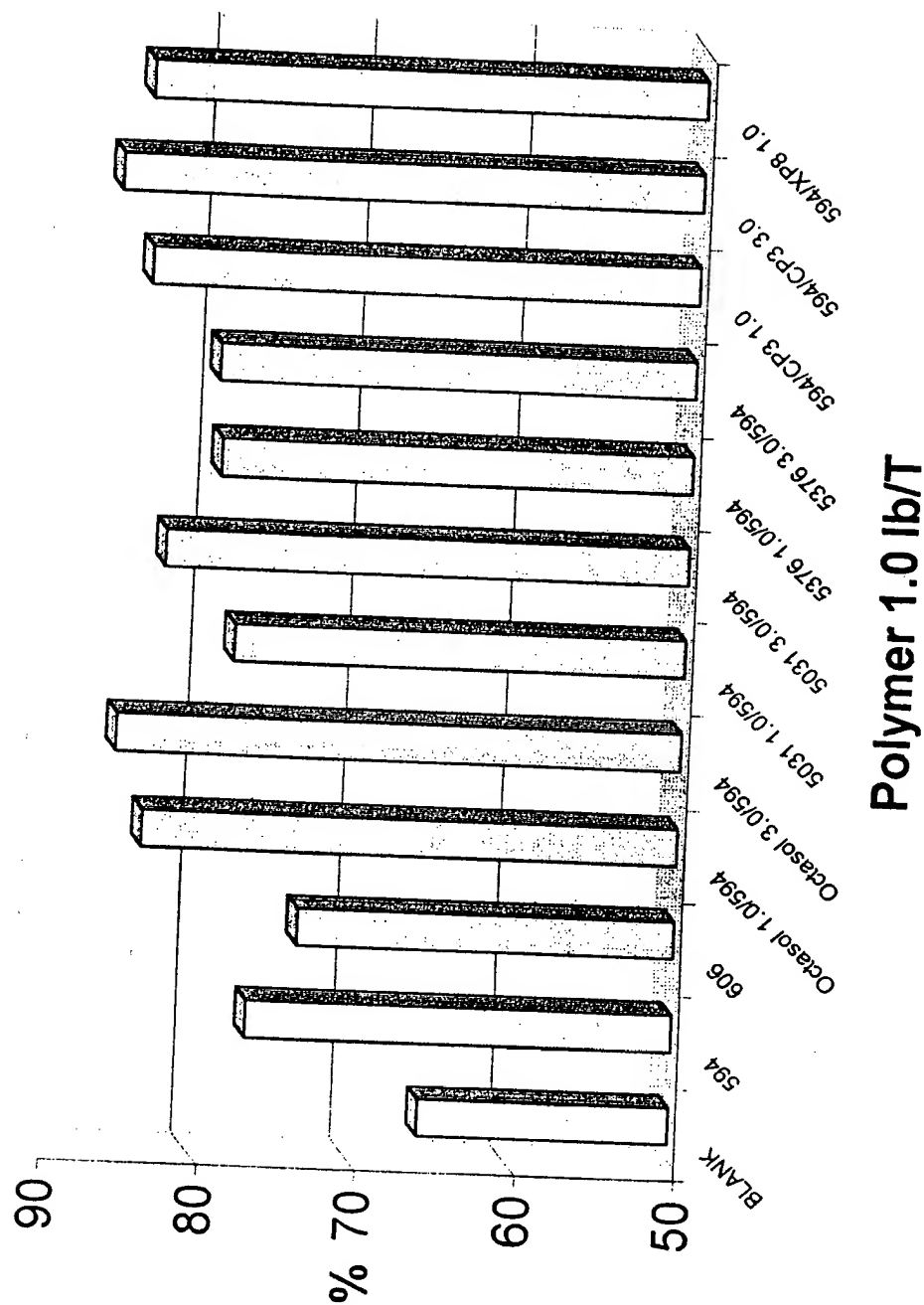
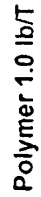


FIG. 25

[illegible]

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